

P5320ABG

Volvo Tracked Pavers 2.5 -7.5 m 105 kW



Versatile Performer

Productive paving

- Built on specially designed large frame
- Strong structure to push 40t trucks
- High-capacity hopper
- Heavy-duty push rollers, 160mm diameter
- Thermo-controlled variable fan-speed optimise the load on the engine

Fuel efficient engine

- 105 kW Volvo Engine
- High torque at low rpm
- Auto engine idle
- Low noise levels

Omni V: the screed to succeed

- Most rigid Variomatic screed in the industry for great pre-compaction of mat
- Vibrating and tamping with chamfered tamping bar
- Wide tamping bar for long life
- Easy width changes from 2.5m to 4.75m
- Crown adjustment +/-3%
- Automatic screed plated heat control, plate independent

Take control

- New generation EPM: intuitive control
- All-round visibility, mirrors and work lights
- Adjustable seat and sliding console
- Foldable all-weather roof, hydraulically operated
- Easy access to hopper lock handle from platform
- "Cross Operation" function on screed control unit enables to control the other side of the screed Keep on paving
- Easy access daily maintenance points
- Service interval manager, On-board diagnostics
- Hydraulically direct driven generator removed maintenance requirement
- Quick track pad changes
- Idler rollers
- Care Kits ensure optimum part performance and life time

Flawless finish

- Automatic conveyor and auger control
- Adjustable auger height
- Volvo patented automatic track tensioner

Specifications

Engine

Manufacturer	Volvo Penta		
Model	TAD 570VE		
Fuel	Diesel		
Output	kW	105	
	hp	143	
at engine speed	r/min	2,300	
Coolant	Liquid		
Fuel tank capacity	l	230	
Exhaust emission	CEV Stage-IV		

Electrical System

Battery voltage	V	24	
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Paving

Output (theoretical)*	t/h	600	
Mat thickness (max.)	mm	300	

Speed

Paving (max)	m/min	17	
Transport (max)	km/h	3.3	

Undercarriage

Length	mm	2618	
Width (track plates)	mm	300	

Conveyor

Hopper capacity	t	12	
No. of conveyors		2	
Conveyor speed (max)	m/min	23	

Auger

No. of augers		2	
Speed (max.)	1/min	82	
Diameter	mm	360	

Dimensions

Length	mm	6099	
Width	mm	2644	
Height	mm	3767	
Height (transport)	mm	2974	

Weight**

Tractor Unit	kg	13820	
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Sound Level

L_{WA}	dB	107	
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Sound Power Level, according to ISO 6393

Hydraulic Oil Capacity	l	70	
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Vibration

Hand-arm vibration according to ISO 5346:2001	m/s ²	<2.5	
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Whole Body-vibration according to ISO2631:1997	m/s ²	<0.5	
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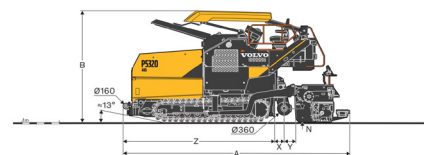
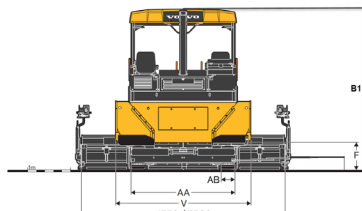
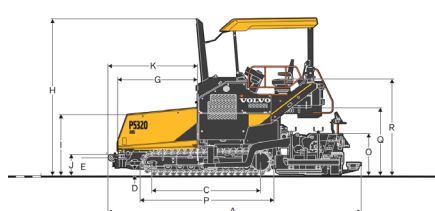
DIMENSIONS

A	Operating length/Shipping length	mm	6099
B	Shipping height weather roof	mm	2974
B1	Operating Height weather roof	mm	3767
C	Track length	mm	2618
D	Ground clearance	mm	155
E	Push Roller Center to ground	mm	435
F	Hopper inner charging height	mm	643
G	Hopper length	mm	1912
H	Height of exhaust stack	mm	3742
I	Distance of hopper front top tip point	mm	1457
J	Distance of tip of push roller to ground	mm	515
K	Hopper length to push roller	mm	2145
N	Distance auger centre to ground	mm	360±60
O	Screed height	mm	1002
P	Distance of tangent of track pad front to rear	mm	3220
Q	Deck/Platform height	mm	1615
R	Seat height from ground	mm	2293
V	Outer hopper width	mm	3171
X	Distance rear wall auger centre	mm	267
Y	Distance auger centre to screed	mm	318
Z	Distance rear wall to push roller outer tip	mm	4065
AA	Track gauge	mm	2269
AB	Track pad width	mm	300
	Diameter of Push roller	mm	160
	Diameter of Auger flights	mm	360
	Angle of approach	deg	13
	Basic screed width Omni V	m	4.75
	Max Screed width Omni V	m	7.5

Notes:





*The actual paving output depends upon the mat thickness, the paving width and paving speed and will vary according to paving conditions prevailing on your job site. Please approach us and we will be pleased to assist you in calculating the paving output for your particular paving project, **All weights are approx. weights without options. Weight of the tractor: 75 kg, operator, tyres filled water, Diesel tank half-full and weather roof included.

*** Applies to screed Omni-V 2.5-4.75 m. When using extensions the max. allowable gradeability will be reduced



Contact your local dealer for more information.

www.volvoce.com/india

Connect with us on:    

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